

NANO 1- SYLLABUS (W 2016), INSTRUCTOR: J. WANG

WARM WELCOME TO:

NANO-1 WINTER QUARTER 2016

Location: Pepper Canyon Hall 122: Time: Wed. 4.00-4.50 pm

GOAL: Nanotechnology has become one of the most exciting forefront fields in science and technology and has the potential to change the way we live.

The **goal of this class** is to introduce you to the Department of Nanoengineering, to the Nanoengineering Curriculum and policies, to key nanotech directions, and to your Nanoengineering career path.

CLASS SCHEDULE

<u>Week #</u>	<u>Day/Date</u>	<u>Topic</u>
1	Wednesday 1/6	Introduction to the NanoEngineering Department, and to Nanotechnology; Review of NANO-1 Goals
2	Wednesday 1/13	Overview of NanoEngineering Curriculum, Focus Options, Technical Electives
3	Wednesday 1/20	'Nanotechnology: An Introduction
4	Wednesday 1/27	'Making Stuff Small'
5	Wednesday 2/3	'Man-Made Nanomachines'
6	Wednesday 2/10	Presentation by Teri Vogel, S&E Librarian 'NanoEngineering Library Resources'
7	Wednesday 2/17	'Nanoscale Materials'
8	Wednesday 2/24	'NanoMedicine'
9	Wednesday 3/2	'Nanomaterials in Energy Storage'
10	Wednesday 3/9	Final Exam: Complete a Curriculum Plan for your Degree Path of Choice

Full Attendance and Academic Integrity are **REQUIRED** during the entire course.



All students must purchase an **I-clicker 2** for this course

Grade: Pass/No Pass.

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WISHING YOU A GREAT CLASS, A WONDERFUL QUARTER AND HAPPY 2016!!!